# Content Documents

## Housekeeping

ERD for Content Documents

When a Content Document is created, a content version record is created.  Each update gets stored as a version and the content document LatestPublishedVersionId is updated. When linking a content document with a record, a ContentDocumentLink is created.  A Content Document can be associated with multiple records in the system.

ContentNotes are *only* notes which are stored as well in the ContentDocument object.  You can filter ContentNotes using FileType = 'SNOTE' in the ContentDocument object.

ContentDocumentLinks *must* be filtered by either a single ContentDocumentId or LinkedEntityId(s). If you do not, you will receive this error:

"Implementation restriction: ContentDocumentLink requires a filter by a single Id on ContentDocumentId or LinkedEntityId using the equals operator or multiple Id's using the IN operator."

## Querying for ContentDocuments Linked to Certain Kinds of Records

```
SELECT Id, ContentDocumentId, ContentDocument.Title, ContentDocument.Description,
ContentDocument.FileExtension, ContentDocument.FileType, ContentDocument.LastViewedDate,
ContentDocument.LastReferencedDate, ContentDocument.PublishStatus,
ContentDocument.SharingOption, ContentDocument.SharingPrivacy
FROM ContentDocumentLink
WHERE LinkedEntityId IN (SELECT Id
□□□□□□ FROM Opportunity
                         WHERE Name = 'My Amazing Opportunity')
```

## Query for Count of Linked Entity Object Types

```
SELECT COUNT(Id), LinkedEntity.Type
FROM ContentDocumentLink
WHERE ContentDocumentId = '0695c000009ycrxAAA'
```

```
GROUP BY LinkedEntity.Type
```

## Query for All Linked Entities for a Content Document

```
SELECT LinkedEntityId, LinkedEntity.Type
FROM ContentDocumentLink
WHERE ContentDocumentId = '0695c000009ycrxAAA'
```

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